

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|----------------------------------|------------------|---------|------------------|
| L1 | 7 | ((("6460247") or ("6691408") or ("5340947") or ("5231751") or ("6583058") or ("3852877") or ("5071359")).PN. | USPAT | OR | OFF | 2009/06/01 07:46 |
| L2 | 2 | jp-11168157-\$.did. | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/06/01 07:53 |
| L3 | 2 | jp-04206875-\$.did. | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/06/01 07:55 |
| L4 | 1 | ("6809421").PN. | USPAT | OR | OFF | 2009/06/01 07:56 |
| L5 | 748 | matsui.in. and (through adj hole) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 07:58 |
| L6 | 17 | 5 and mitsubishi | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 07:58 |
| L7 | 1656803 | (through adj hole) or via | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 08:12 |
| L8 | 11641 | 7 and ((oxide or insulator) near2 (layer or film)) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 08:13 |
| L9 | 1713 | 8 and ((metal or gold or au or chromium or cr) near2 (layer or fim)) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 08:14 |
| L10 | 94 | 9 and ((au or gold or tin or solder or metal) near5 (heating or melting or melted or molten or melt or soften or softened or softening or heat or heated)) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 08:15 |

| | | | | | | |
|-----|-------|---|---|----|-----|---------------------|
| L11 | 275 | suemasu.in. | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 08:32 |
| L12 | 54 | 11 and 7 | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 08:33 |
| L13 | 5 | 12 and oxide | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 08:33 |
| L14 | 0 | 13 not 12 | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 08:35 |
| L15 | 49 | 12 not 13 | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 08:35 |
| L16 | 931 | takizawa.in. and 7 | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 08:53 |
| L17 | 14 | 16 and oxide | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 08:53 |
| L18 | 45 | 16 and fujikura | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 08:54 |
| L19 | 20 | 18 not 12 | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 08:54 |
| L20 | 1 | ("5231751").PN. | USPAT | OR | OFF | 2009/06/01 08:55 |
| L21 | 7273 | ((through adj hole) or via) same (oxide near2 (film or layer)) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 08:57 |
| L22 | 28612 | ((through adj hole) or via) same (oxide near2 (film or layer)) | US-PGPUB; USPAT | OR | ON | 2009/06/01 08:57 |
| L23 | 4813 | 22 same ((metal or gold or au or chromium or cr) near2 (layer or fim)) | US-PGPUB; USPAT | OR | ON | 2009/06/01 08:57 |
| L24 | 6091 | 22 same ((metal or gold or au or chromium or cr) near2 (layer or film)) | US-PGPUB; USPAT | OR | ON | 2009/06/01 08:58 |

| | | | | | | |
|-----|------|--|---|----|----|---------------------|
| L25 | 202 | 24 same ((au or gold or tin or solder or metal) near5 (heating or melting or melted or molten or melt or soften or softened or softening or heat or heated)) | US-PGPUB; USPAT | OR | ON | 2009/06/01 08:58 |
| L26 | 5 | 24 same ((au or gold or tin or solder or metal) near5 (heating or melting or melted or molten or melt or soften or softened or softening or heat or heated) near5 (fill or filled or filling)) | US-PGPUB; USPAT | OR | ON | 2009/06/01 08:59 |
| L27 | 150 | 22 same ((gold or au) near2 (layer or fim)) | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:00 |
| L28 | 3 | 27 same ((au or gold) near5 (heating or melting or melted or molten or melt or soften or softened or softening or heat or heated)) | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:01 |
| L29 | 7 | 27 same (gaas or gallium) | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:02 |
| L30 | 61 | 8 and (gaas) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 09:03 |
| L31 | 4564 | 7 near10 ((oxide or insulator) near2 (layer or film)) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 09:03 |
| L32 | 16 | 31 and (gaas) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 09:04 |
| L33 | 174 | 31 and (sputter or sputtered or sputtering) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 09:07 |
| L34 | 3653 | 7 near10 ((oxide) near2 (layer or film)) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 09:09 |
| L35 | 151 | 34 and (sputter or sputtered or sputtering) | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/06/01 09:09 |
| L36 | 1324 | (gaas near10 ((through adj hole) or via)) | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:11 |

| | | | | | | |
|-----|-------|---|--------------------|----|-----|---------------------|
| L37 | 12670 | ((oxide near2 (layer or film)) near10 ((through adj hole) or via)) | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:12 |
| L38 | 204 | 36 and 37 | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:12 |
| L39 | 47 | 38 and ((sputter or sputtered or sputtering)) | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:12 |
| L40 | 157 | 38 not 39 | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:14 |
| L41 | 526 | 37 and (gaas near10 substrate) | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:16 |
| L42 | 2083 | 37 with (metal or au or gold) | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:17 |
| L43 | 49 | 42 and (gaas near10 substrate) | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:17 |
| L44 | 2395 | 37 near10 (deposit or depositing or deposition or deposited) | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:23 |
| L45 | 236 | 44 and (gaas near10 substrate) | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:23 |
| L46 | 1608 | ((oxide near2 (layer or film)) near10 (through adj hole)) | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:25 |
| L47 | 57 | 46 and (gaas near10 substrate) | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:25 |
| L48 | 26655 | (gaas near10 substrate) | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:37 |
| L49 | 27741 | ((oxide near2 (layer or film)) near10 (recess or recessed or hole or via)) | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:38 |
| L50 | 990 | 48 and 49 | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:38 |
| L51 | 857 | ((oxide near2 (layer or film)) near10 (recess or recessed or hole or via)) same ((fill or filled or filling) near10 (metal or gold or au)) | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:39 |
| L52 | 26 | 51 and 48 | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:40 |
| L53 | 358 | ((oxide near2 (layer or film)) near10 (opening)) same ((fill or filled or filling) near10 (metal or gold or au)) | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:41 |
| L54 | 27 | 53 and 48 | US-PGPUB; USPAT | OR | ON | 2009/06/01 09:41 |
| L55 | 1 | ("5793117").PN. | USPAT | OR | OFF | 2009/06/01 09:42 |

| | | | | | | |
|-----|------|---|---------------------------|----|-----|---------------------|
| L56 | 11 | ("3882532" "5081421" "5232962" "5289038" "5291064" "5337397" "5348835" "5363038" "5506423" "5523586" "5532610").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/01 09:42 |
| L57 | 8 | ("5289038").URPN. | USPAT | OR | OFF | 2009/06/01 09:48 |
| L58 | 4 | ("3577037" "3839727" "4074342" "4163988").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/06/01 09:48 |
| L59 | 35 | ("5793117").URPN. | USPAT | OR | OFF | 2009/06/01 09:49 |
| L60 | 1894 | ((427/97.2) or (427/97.3) or (427/97.7) or (427/431)).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/06/01 10:21 |
| L61 | 20 | 60 and @pd> "20090108" | US-PGPUB; USPAT | OR | ON | 2009/06/01 10:21 |

6/ 1/ 09 10:22:07 AM

C:\ Documents and Settings\ kbareford\ My Documents\ EAST\ Workspaces\ workspaces1.wsp